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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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EXAMINER	
NGUYEN, VAN KIM T	
ART UNIT	PAPER NUMBER
2456	

MAIL DATE	DELIVERY MODE
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Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary	Application No.	Applicant(s)	
	10/750,378	KOL ET AL.	
	Examiner	Art Unit	
	Van Kim T. Nguyen	2456	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE *3* MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1)☒ Responsive to communication(s) filed on *15 January 2009*.

2a)☐ This action is **FINAL**. 2b)☒ This action is non-final.

3)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4)☒ Claim(s) *1-17* is/are pending in the application.

4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5)☐ Claim(s) _____ is/are allowed.

6)☒ Claim(s) *1-17* is/are rejected.

7)☐ Claim(s) _____ is/are objected to.

8)☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9)☐ The specification is objected to by the Examiner.

10)☐ The drawing(s) filed on _____ is/are: a)☐ accepted or b)☐ objected to by the Examiner.

Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11)☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12)☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

a)☐ All b)☐ Some * c)☐ None of:

1.☐ Certified copies of the priority documents have been received.

2.☐ Certified copies of the priority documents have been received in Application No. _____.

3.☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1) ☐ Notice of References Cited (PTO-892)
2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3) ☐ Information Disclosure Statement(s) (PTO/SB/08) Paper No(s)/Mail Date _____.
4) ☐ Interview Summary (PTO-413) Paper No(s)/Mail Date. _____.
5) ☐ Notice of Informal Patent Application
6) ☐ Other: _____.

DETAILED ACTION

1. This Office Action is responsive to communications filed on January 15, 2009. Claims 1-17 are presented for examination.

Continued Examination Under 37 CFR 1.114

2. A request for continued examination under 37 CFR 1.114, including the fee set forth in 37 CFR 1.17(e), was filed in this application after final rejection. Since this application is eligible for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e) has been timely paid, the finality of the previous Office action has been withdrawn pursuant to 37 CFR 1.114. Applicant's submission filed on January 15, 2009 has been entered.

Response to Arguments

3. Applicant's arguments with respect to claims 1-17 have been considered but are moot in view of the new grounds of rejection.

Claim Rejections - 35 USC § 103

4. The text of those sections of Title 35, U.S. Code not included in this action can be found in a prior Office action.

5. Claims 1-2, 5-7, and 9-16 are rejected under 35 U.S.C. 103(a) as being unpatentable over Eakin (US 2004/0167896), in view of Mukundan et al (US 6,901,595).

Regarding claim 1, Eakin discloses computer program residing on a computer readable medium having a plurality of instructions, which, when executed by a processor, cause the processor to perform operations comprising:

connecting a portal to one or more user interface (UI) components (e.g., connecting content portal 134 to interface 410 and digital assets 110; Figures 1 and 4, ¶[0056-0057]);

linking the one or more UI components to a repository layer and connectivity layer through an object access layer (e.g., linking digital assets 110 to repository layer 120 and application 130, Figure 1, ¶[0035-0036]); and

linking the repository layer and the connectivity layer to source system (e.g., linking repository layer 120 and application 130 to metadata store 128; Figure 1, ¶[0035-0036]).

Eakin does not explicitly disclose assessing a database that includes data representing multiple enterprise functions, wherein the data representing multiple enterprise functions includes personal tasks and resources for users; and using one or more object modeling tools, one or more process modeling tool, and the one or more UI component to build components of cross-functional applications from the data representing multiple enterprise functions, wherein the cross-functional applications include pages that display the personal tasks and resources for users.

Mukundan teaches:

assessing a database that includes data representing multiple enterprise functions, wherein the data representing multiple enterprise functions includes personal tasks and resources for users (col. 5: lines 32-66, and col. 8: lines19-38); and

using one or more object modeling tools, one or more process modeling tool, and the one or more UI component to build components of cross-functional applications from the data representing multiple enterprise functions, wherein the cross-functional applications include pages that display the personal tasks and resources for users (integration services may be designed and configured to provide client with user interface and thin client support, e.g., exemplary object 605 including CSSWEView 506, CSSWEApplet 508, CSSBusComp 510, CSSBusObj 510, etc. ; Figures 4-5A, col. 8: line 39 – col. 10: line 35).

It would have been obvious to one of ordinary skill in the art at the time the invention was made to combine Mukundan and Eakin, motivated by the need to provide access throughout an enterprise to facilitate process improvement effort.

Regarding claim 2, Eakin-Mukundan also discloses input/output (I/O) devices linked to the portal (e.g., portal 134 includes interface 410, used to communicate with digital assets providers, reviewers, publishers, and/or consumers; Eakin, Figures 1 and 4, ¶[0057]).

Regarding claims 5-6, Eakin-Mukundan also discloses the portal is a common interface that receives requests from clients and generates information views (iViews) in response (Eakin; Figures 6-10, ¶[0072], [0075], [0080], [0085] and [0087]).

Regarding claim 7, Eakin-Mukundan also discloses the UI component comprises application navigation components; application integration components; and information views (Eakin; Figures 6-10).

Regarding claim 9, Eakin-Mukundan also discloses the repository layer comprises a data object model; and databases including metadata and data, the data including templates (e.g., repository layer 120 comprises asset storage 126 and metadata store 128, Eakin; Figure 1, ¶[0037] and [0054-0055]).

Regarding claim 10, Eakin-Mukundan also discloses the metadata comprises data pertaining to roles, work sets and personalization information (Eakin; ¶[0052-0053] and [0068]).

Regarding claim 11, Eakin-Mukundan also discloses the metadata interacts with the object access layer, the connectivity layer and the application logic (Eakin; Figures 1 and 4, ¶[0035-0036]).

Regarding claim 12, Eakin-Mukundan also discloses the metadata interacts with the templates, the templates providing a format of information according to preset conditions (e.g., execute a RPC; Mukundan, Figure 11, col. 15: lines 1-30).

Regarding claim 13, Eakin-Mukundan also discloses the templates interact with Web application server (WAS) processes and core restructuring processes (Mukundan; col. 19: lines 18-31).

Regarding claim 14, Eakin-Mukundan also discloses the databases interact with the source systems through base systems connectors using a markup language (e.g., HTML; Eakin, ¶[0030]).

Regarding claim 15, Eakin-Mukundan also discloses the databases interact with the source systems through base systems connectors using web services (Eakin; ¶[0035-0036]).

Regarding claim 16, Eakin-Mukundan also discloses the databases interact with the source systems through base systems connectors using TCP/IP (though Eakin-Mukundan does not explicitly call for using TCP/IP, but since TCP/IP is widely used by the Internet, making it the de facto standard for transmitting data over networks, it would have been obvious to one of ordinary skill in the art at the time the invention was made to use TCP/IP for interacting between the databases and the source system).

6. Claims 3-4 are rejected under 35 U.S.C. 103(a) as being unpatentable over Eakin-Mukundan as applied to claim 1 above, in view of WAP Forum, "Wireless Application Protocol White Paper", June 2000.

Regarding claim 3, Eakin-Mukundan does not call for the I/O devices are web devices that communicate with the portal using Wireless Application Protocol and Wireless Markup Language (WML).

WAP Forum teaches WML as a markup language for WAP technology, adhering to XML standards (page 10). Thus it would have been obvious for one of ordinary skill in the art at

the time the invention was made the I/O web devices are configured to communicate with the portal using WAP and WML in order to comply with the industry standards.

Regarding claim 4, Eakin-Mukundan-WAP Forum also discloses the I/O devices are Internet browsers that communicate with the portal using HTTP and XML (Eakin; ¶[0043-0044], and WAP Forum, page 14).

7. Claims 8 and 17 are rejected under 35 U.S.C. 103(a) as being unpatentable over Eakin-Mukundan, in view of Bazinet et al (US 7,260,617), hereinafter Bazinet.

Eakin-Mukundan discloses substantially all the claimed limitations, except the client requests are coupled to the portal by a proxy server, or source systems communicate with each other through a firewall.

Bazinet teaches insulating the portal server via firewalls, proxy servers, etc. (col. 3: lines 58-61).

It would have been obvious to one of ordinary skill in the art at the time the invention was made to couple the portal by a proxy server or allow network communications only through a firewall in order to improve network security.

Conclusion

8. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Van Kim T. Nguyen whose telephone number is 571-272-3073. The examiner can normally be reached on 8:00 AM - 4:30 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Bunjob Jaroenchonwanit can be reached on 571-272-3913. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Van Kim T. Nguyen
Examiner
Art Unit 2456

vkn

/Bunjob Jaroenchonwanit/
Supervisory Patent Examiner, Art Unit 2456